

Date: Tue, 6 Sep 94 13:33:59 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #999
To: Info-Hams

Info-Hams Digest Tue, 6 Sep 94 Volume 94 : Issue 999

Today's Topics:

 * SpaceNews 05-Sep-94 *
 ADDRESS FOR GLB ELECTRONIC?
 Comment 05/09/94 23:40
 Cucamonga Club?
 HERE's a tough one for you
 Looking for Morse code trainer seen Dayton
 New ham - advice IRT 2M
 RFI Free PC Computer Cabinet?
 Scout Jamboral Radio Station
 University Club Mailing List

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Sep 94 14:16:49 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 05-Sep-94 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0905
* SpaceNews 05-Sep-94 *

BID: \$SPC0905

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SpaceNews
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MONDAY SEPTEMBER 5, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

* SKY WATCH *
=====

In September's evening twilight, Saturn shines in the east-southeastern sky just above the horizon. By nightfall it is fairly high and bright, appearing as a golden point of light to the naked eye. Because Saturn is closest to Earth this year, it will attain a magnitude of 0.5, located in the constellation of Aquarius. Saturn may also be found by looking for the bright star of Formalhaut in the constellation of Piscis Austrinus which has a magnitude of +1.2. A small telescope will reveal the complex system of orbiting rings and moons. The largest moon, Titan, appears as an 8th magnitude point near the planet. Also Saturn's rings are now only 7 degrees from being edge on as seen from here on Earth.

Near the bright star, Spica, one can find Venus shining at a magnitude of -4.4 when the month begins. On the evening of September 8, Venus and the young Moon will pass each other in the western evening sky. On the evening of September 20, Venus will reach it's greatest brilliancy at a magnitude of -4.6. If Venus is seen through a telescope, it will be found to be in a wanning crescent during it's brightest, showing us here on Earth, only half of it's brilliancy.

Jupiter is finally getting a rest after the tremendous impacts it suffered in July from the fragments of Comet Shoemaker-Levy 9. But Jupiter is still the second brightest planet after Venus, shining at a magnitude of -1.8 and can still be seen in the constellation of Libra. On September 1, Jupiter can be found about 15 degrees to the upper left of Venus and as the month passes, Jupiter will slide toward Venus in the western twilight sky. On September 9, Jupiter will be near the young crescent Moon. Watch for Venus, Jupiter, and the Moon on the evening of September 8 as the three approach each other. This will be a fine view for the astrophotographers who specialize in planet combinations.

Mercury can be found in the evening sky this month, but will remain very close to the horizon. Because Mercury will be so close to the horizon, it will probably be hidden from view this month.

Pluto can be found in the constellation of Libra and is in the southwestern

sky just after sunset. But it shines at a magnitude of +13.8, so it will take a telescope of at least 8 inches to see the tiny point of light in the dark sky.

Uranus and Neptune, magnitudes 5.7 and 7.9, lie in the south after sunset during September in the rich starfields of Sagittarius.

Mars is the only planet that will rise a couple hours before dawn this month, in the eastern sky. On September 1 the wanning crescent Moon will be just below Mars.

[Info via Dave, N9JUW]

* WEBERSAT-OSCAR-18 NEWS *

=====

WEBER-1>CAST <UI>:

27-Aug-94

*Collecting and Sending WOD

Week2: All TLM Ch# 3C 3D 3E 3F 40 41

*New Images

*Monday, New Spectrum

73, IK3WVJ

WEBER>SPECT <UI>:

Spectrum #00 taken 20:55:36 28-Aug-94

arrays: +X:321340 +Y:0 -X:15400 -Y:0 +Z:2790 -Z:0 (uA)

sun angle: el 1 az 90

horizon sensors: 1:190 2:223 s:84

temp:-1.65 to -2.24 C

average = 202.03 stddev = 572.54 pkdev = 519.18

40000...417FF

* MIR NEWS *

=====

The Mir space station apparently suffered no hits from the recent Perseid meteor shower. Several particles collided with the space station during last year's meteor shower.

The PROGRESS-M24 freighter was scheduled for launch Baykonur on 25-Aug-94 at 1425 UTC. Listeners in Western Europe were alerted listen for transmissions related to this launch on the known frequencies (166.140, 166.130, 165.874 and 922.755 MHz +/- Doppler) 3 hours after liftoff.

Instead of 4, only 2 EVAs will be made by Malenchenko and Musabayev. These EVAs are scheduled for the 8th and 12th of September 1994. Their purpose is to transfer solar panels from the Kristall to the Kvant-1 module.

The launch of Spektr (Module-0) has been delayed once again. Now there is word that the launch will take place in May 1995. Undoubtedly, this will also mean that the launch of Priroda (Module-E) will be put back too.

The schedule for American flights to Mir might need to be changed due to Spektr launch delay. No further details are available as of yet.

[Info via Chris v.d. Berg, NL-9165/A-UK3202]

★ MORE MIR NEWS ★

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Ascending nodes of Mir are currently taking place almost directly under the Sun. It is crossing the terminator close to its extreme northern and southern latitude excursions. As a result, Mir will be visible shortly before sunrise in the southern hemisphere, and shortly after sunset in the northern hemisphere for the next few weeks. Consult your favorite satellite orbital prediction software for the exact times for your location.

★ SAREX NEWS ★

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The STS-64 Space Shuttle Discovery Mission, tentatively scheduled for launch on September 9 at 20:30 UTC, will carry SAREX voice and packet radio on a 9 day mission. STS-64 will carry the Lidar In-Space Technology Experiment (LITE-1), the SPARTAN-201, and the Robot Operated Materials Processing System (ROMPS) experiment in addition to SAREX into a 57 degree inclination orbit.

Amateur Radio operators on Discovery include Dick Richards, KB5SIW, Commander, Blaine Hammond, KC5HBS, Pilot, and Jerry Linenger, KC5HBR, Mission Specialist. Primary callsign for FM voice contacts will be KB5SIW, while W5RRR-1 will be used for packet radio contacts. All operations will utilize separate uplink and downlink frequencies. DO NOT TRANSMIT on the downlink frequency!

Voice Freqs:	Downlink:	145.55 MHz (Worldwide)
	Uplinks:	144.91, 144.93, 144.95, 144.97, 144.99 MHz (Except Europe)
		144.70, 144.75, 144.80 MHz (Europe only)

Note: the crew will not favor any specific uplink frequency, so your ability to work the crew will

be the "luck of the draw"

Packet Freqs: Downlink: 145.55 MHz
 Uplink: 144.49 MHz

The Goddard Amateur Radio Club station, WA3NAN, in Greenbelt Maryland will be active and carry SAREX Bulletins and Shuttle Retransmissions on 3860 KHz, 7185 KHz, 14,295 KHz, 21,395 KHz, 28,650 KHz and 147.450 MHz (FM).

The following Keplerian elements have been rotated to the current planned launch time of Sep 9 at 20:30 UTC. The JSC-005 epoch is at the start of orbit 5, after the trim burns on orbits 3 and 4. The negative drag fit was required to match the design trajectory because there is a 6.5 fps trim burn on orbit 28. The phasing and circ burns on orbit 99 lower the altitude by about 8 n.mi, so the second element set JSC-006 is required after that. These Keps are provided by Gil Carman, WA5NOM at the Johnson Space Center ARC.

STS-64

```
1 00064U           94253.10077961 -.00030838 00000-0 -39665-4 0     59
2 00064  57.0058 195.1865 0009670 275.6619  84.3358 16.05979206     51
```

Note: This element set (JSC-005) is valid for orbits 2 through 98.
 Use JSC-006 (below) after 15 Sep 94, 22:51:30 UTC (MET 6/03:49:30).

STS-64

```
1 00064U           94259.01448182 .00096406 00000-0  94275-4 0     62
2 00064  57.0059 167.2656 0009343 269.2157  90.7841 16.11240267  1002
```

Note: This element set (JSC-006) is valid for orbits 99 through 142.
 Use JSC-005 (above) before 15 Sep 94, 22:51:30 UTC (MET 6/03:49:30).
 The deorbit burn is scheduled for 18 Sep at 15:40 UTC (MET 8/20:38).

[Info via Frank Bauer, KA3HDO]

★ THANKS! ★

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Thanks to all those who sent messages of appreciation to SpaceNews,
especially:

WB3CSY

WB4MLE

WB5PUM

ZS5FR

...and Mike Conley, AA6AE, who posts SpaceNews in the science classroom at Huntington Park High School in California, where they are building an amateur satellite ground station.

* FEEDBACK/INPUT WELCOMED *

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Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107
PACKET : KD2BD @ N2KZH.NJ.USA.NA
INTERNET : kd2bd@ka2qhd.de.com -or- kd2bd@amsat.org
SATELLITE : AMSAT-OSCAR-16

MAIL : John A. Magliacane, KD2BD
Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\| Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\| Internet: magliaco@pilot.njin.net
Lincroft, NJ 07738 * /\ * Morse : -.- -.. ..--- -... -..

Date: 6 Sep 94 19:49:45 GMT
From: news-mail-gateway@ucsd.edu
Subject: ADDRESS FOR GLB ELECTRONIC?
To: info-hams@ucsd.edu

Does anyone have or know of an address or phone number for GLB electronics? I remember that they are somewhere on the East coast. They made Pre-Amp preselectors for use in Intermod problems for repeaters. Thanks in advance.

Skip Riba (WS9V)
Internet: SKIP.RIBA@ACCESSIL.COM

Date: Tue, 6 Sep 1994 03:04:48 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!hookup!nic.ott.hookup.net!takeone!john.rodger@network.ucsd.edu

Subject: Comment 05/09/94 23:40

To: info-hams@ucsd.edu

-> Hi John: Glad to see the board back up! I was also having problems on
-> VE3KYT but I guess you know about that. I was getting screenfuls of
-> garble and it is the first time I have ever had a BBS crash my comms
-> software!

-> A query about TakeOne....I think I owe you some money..how much?

-> A query about VE3KYT...it seems people receiving my messages get garb

-> and lines that go right off the right-hand edge of the screen. Is the

-> some terminal emulation and line length that I should be selecting

-> somewhere from a menu? I couldnt find it.

->

-> Thanks and 73,

-> Rob, VE3YE

Hi Rob

The weekend was spent trying it install a network here between three computers. This is the first time I have ever done this and it did not go as well as I had hoped. The main network software is in and running but not all of the programs I run here want to play. So we had to put the BBS here back to running alone. It's just a memory problem which I'm sure will be sorted out this week.

Your first query can be answered by reading bulletin number 6. As for the second one, your line length should be set for 79. I think the lines are set for 256 in the BBS software. That maybe why some messages have the lines running off the end of the page. I just try to remember to hit the return key after 65 or 70 characters. As you can see the VE3KYT BBS is not as elegant as the TakeOne BBS but it serves its purpose very well. Just can't bring myself to taking off the air. So many Hams without TNC's find it the only way to get into the Amateur Packet network.

73 de John, VA3CR/VE3KYT

Date: Tue, 6 Sep 1994 12:31:19 GMT

From: ihnp4.ucsd.edu!swrind!gatech!psuvax1!news.pop.psu.edu!news.cac.psu.edu!
newsserver.jvnc.net!cyanamid!ptag1.pt.cyanamid.com!chidesterd@network.ucsd.edu

Subject: Cucamonga Club?

To: info-hams@ucsd.edu

A friend of mine is looking to get into amateur radio. I would like to direct him to a club in the Rancho Cucamonga, CA area. Could anyone out there knowing of an active club with a training program please Email me... I don't

always get the News postings.

Tnx and 73,

Dale

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Dale H. Chidester, PhD          N3HAL      "Against stupidity, even the
American Cyanamid Company      Gods in vain doth contend."
Agricultural Research Divison  Schiller
PO Box 400, Clarksville Rd.    Phone: (609) 799-0400 x2430
Princeton, NJ 08543-0400       Email: chideste@cyanamid.com
-----
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Date: Tue, 6 Sep 1994 16:29:45 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swiss.ans.net!
malgudi.oar.net!mercury.wright.edu!gsmith@network.ucsd.edu
Subject: HERE's a tough one for you
To: info-hams@ucsd.edu
```

Hi all:

Let me throw a curve int the group and see what happens. SO here it is, after a little thinking I wonder if a DUAL BAND HIGH GAIN beam is possible? if anyone comes up with anything send me the plans so I can build it

Greg, N8PPZ

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Date: 6 Sep 94 16:38:37 GMT
From: news-mail-gateway@ucsd.edu
Subject: Looking for Morse code trainer seen Dayton
To: info-hams@ucsd.edu
```

David <davids@trueevision.com> writes:

>At Dayton this year I saw a company that had a very small morse code
>trainer. This unit was a small box with two push button switches and an
>earphone. When you turned the unit on, pushing the buttons would change
>the speed of the random code it sent. I picked up literature, but now I
>can't find it. Does anyone remember seeing this unit? Do you know who
>was selling it?

>Thanks!

>-David N9PGH

I believe you must be asking about the Pocket Morse Code Trainer, mfg by Computer Aided Technology Inc. at (214) 350-0888.

There is an ad for this in Sept CQ on page 100. Prices range from \$29 to \$49. I have tried them both, and am very satisfied.

Marcel KR4CS

Date: 6 Sep 1994 12:53:33 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!mailer.acns.fsu.edu!freenet3.scri.fsu.edu!
freenet2.scri.fsu.edu!sjking@network.ucsd.edu
Subject: New ham - advice IRT 2M
To: info-hams@ucsd.edu

W. Clifton Oliver (wco@netcom.com) wrote:

> I'm a new ham looking to buy his first radio. Since I can only afford
> one 2M unit right now, the question is do I buy an HT and try to use it
> as a mobile and in the house, or buy a mobile and use it in the house as
> a base?

I suppose it would depend on conditions and what you do more of. If you are mostly mobile and rarely portable (on foot), or if you are in a relatively remote area where repeaters are few and far between, then you may want to go mobile. The advantage of a HT is that you can put it on your belt and walk around with it and you can always plug it into an amplifier, e.g., Ramsey's 2m HT amp, if you need more power while mobile. Mobiles aren't as portable. Plus, an HT + amp is easier to hide under the seat of your car.

Myself, I only have an HT + amp in the car, which is fine for my purposes. I don't need a LOT of power while mobile, just enough to hit the next repeater.

Steve

--
Steven King SJKing@Freenet.FSU.EDU | Packet: KC6WCH @ N0ARY.#NOCAL.CA.USA.NA
V-Mail (904) 375-8658 x5464 | ICBM: 29N 41' 26" / 82W 21' 17"
** GORE IN '94 ** | "SURF, KITTY! SURF!"

Date: Tue, 6 Sep 1994 11:41:22 GMT
From: amd!amdahl!juts.ccc.amdahl.com!szb50@decwrl.dec.com
Subject: RFI Free PC Computer Cabinet?
To: info-hams@ucsd.edu

I did see a posting quite some time ago, lost it somehow, where

someone said that after he had sprayed his monitor case and attached it to chassis, his problems remained the same. He then tried ferrite beads/clamp around various wires going to the monitor and indeed found that one of the wires going to a potentiometer on the front panel was the culprit.

I am experiencing the same problems with a new SVGA monitor, the old VGA was much quieter, so I will be trying the spray and the ferrite clamp treatment to see what works.

Regards

Sid... G3VBV ... Amdahl(UK) ...

Date: 6 Sep 1994 14:45:02 GMT
From: es.com!orca!bmadSEN@uunet.uu.net
Subject: Scout Jamboral Radio Station
To: info-hams@ucsd.edu

The Great Salt Lake Council (based in Salt Lake City, Utah) is having its bi-annual "Utah Heritage Jamboral" this year on Sept. 16th and 17th. This event draws literally thousands of scouts from throughout the council for a couple of days of great activities.

This year they're also organizing and setting up a Ham Radio station, and I've been asked to distribute this information:

Ham Radio Operators will find a Talk-In on 145.69. A special event station with K2BSA/7 will be operating from 0000 to 1800 GMT September 17 on the following frequencies:

15 meters	21.395 mc
20 meters	14.287 mc
40 meters	7.228 mc
80 meters	3.870 mc

Activities will include making contact with other scouts around the world and sending messages to friends and family.

Please forward this information to anyone that might be interested; they'd love to talk with other scouters around the world.

Although not necessary, I'd be curious to know who'd be willing to join the Talk-In. If possible, send e-mail to me.

Thanks!

--

Bruce Madsen
Evans & Sutherland Computer Corp.
bmadSEN@dsd.es.com

. . .
*
. . .
"I used to be a bear..."
WE2-590-4-92

"You don't raise heroes; you
raise sons. And if you treat
them like sons they'll turn out
to be heroes, even if it's just
in your eyes"
- W. Schirra

Currently serving as Chartered Organization Representative

Date: Tue, 6 Sep 1994 15:41:09 GMT
From: titan!news@uunet.uu.net
Subject: University Club Mailing List
To: info-hams@ucsd.edu

What is the current site of the University Amateur Radio club mail reflector?

Thanks.

Robert, KA5WSS
barron@rmc.liant.com

Date: Tue, 6 Sep 1994 13:06:41 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!jchandle@network.ucsd.edu
To: info-hams@ucsd.edu

References <CvMsKJ.MB4@news.Hawaii.Edu>, <34fpr2\$7va@news.iastate.edu>,
<1994Sep6.014116.15855@ultb.isc.rit.edu>dle
Subject : Re: A Repeater on 147.555?!?

In article <1994Sep6.014116.15855@ultb.isc.rit.edu> jdc3538@ultb.isc.rit.edu (J.D.
Cronin) writes:

>The only place I'd like to see more repeaters are on less-used bands
>to entice more people to use something besides 2 meters.
>
>73...Jim N2VNO
>

The other bands are boring and there is no one to talk to there anyway.

Two meters is the place to be. Even HF is boring.

BTW, anyone want to sell any of there boring HF, 440 or 1.2 stuff?

--

Jim Chandler, N0VAH/AE
jchandle@netcom.com
finger netcom for public key

Date: Tue, 6 Sep 1994 15:09:53 GMT
From: psinntp!arrrl.org!jbloom@uunet.uu.net
To: info-hams@ucsd.edu

References <CvBo19.FsG@news.Hawaii.Edu>, <1994Aug31.145924.17054@arrrl.org>,
<gregCvGGGoD.6sM@netcom.com>oom
Subject : Re: Thanks, ARRL

Greg Bullough (greg@netcom.com) wrote:

: In article <1994Aug31.145924.17054@arrrl.org> ehare@arrrl.org (Ed Hare (KA1CV))
writes:

: > Even more sadly, I have seen us criticized
: >*appropriately* on this forum *instead* of having the "constructive
: >criticism" directed to the appropriate staff or to your Division
: >Director who *can* change League policy.

: Now this is VERY inappropriate. It comes across as trying to quash League
: Members' and other Radio Amateurs' expresssion of their thoughts in a
: public forum of their own choosing. For years, the staff, directors,
: and officers have had a forum of their own, QST, and have filtered
: dissenting opinions rather high-handedly. In fact, they frequently used
: the journal to belittle dissenting opinions.

Greg, you are misreading Ed's posting. The word "instead" in his text
is important. I know that Ed has no problem--nor do I--with people
posting criticism of ARRL here. What bothers him--and me--is that
people seem to think that posting here is all that is necessary. That's
not true because 1) many of the Directors don't read this forum, and 2)
a personal communication will always be more likely to result in action
than an undirected one. What Ed wants is for members to state their
opinions directly to the people who are in policy-making positions,
whatever those opinions may be, in *addition* to participating in
whatever dialogue they find useful--here or elsewhere. In no way does
he intend to stifle dissent or conversation on Usenet.

: Ed, I don't know if it's what you intend, but it comes across as if
: you are saying 'go through channels, where we can decide what spin to
: put on your expression of opinion...'

Ed didn't say "write your Division Director and don't post", he just said "write your Division Director". Once you do that, I'm sure Ed doesn't care whether you ALSO post it, nail it to a church door, or hire a skywriter to write an Estonian translation of your message over every major US city. But if you want your Division Director to see your complaint, you know how to contact your Division Director. Demanding that the DD wade through MAKE`GREEN`CARDS`FAST and Does SWR Change With Line Color and even "Re: Thanks, ARRL" just in case you accidently say something you'd like him to read is just senseless.

USENET is just a hobby.

End of Info-Hams Digest V94 #999
